

# 2012 Exhibition of School Planning and Architecture

## Centennial High School

Burleson, Texas

Project Type: High School

Project of Distinction Award – New Construction

SHW Group

# Centennial High School



## Aerial Site, Courtyard

### *Community Environment:*

The master plan for the campus consists of an Indoor Practice Facility, Baseball/softball fields, Tennis Courts, Practice field, Football field, Field Events, Retention ponds, Band practice field, and future classroom and courtyard expansion locations.

District leaders and designers gave the campus a more collegiate feel by dividing the school into five different academies to promote project-based learning. Spaces that promote flexibility throughout the campus, both indoors and outdoors, provide students with informal learning opportunities that encourage a feeling of belonging and community.





# Learning Center

## *Community Environment:*

The heart and soul of the building, the Learning Center, initiates a culture of collaboration and teamwork. The building has created a unique culture throughout the school. Higher expectations engage students and create a collegiate atmosphere.

The district's investment in a variety of amenities is preparing their students, staff and community members for greater success.



# Main Corridor, Learning Center

## *Learning Environment:*

The radial plan concept places all the teachers and administrators in the center. The learning center functions as the library and student collaboration area, with teacher work stations and mobile furniture in one large, open space.

The core of the Learning Center houses student academic resources, similar to a media center or library. Student-teacher collaboration areas throughout the space provide quick access to technology and additional resources.

Flex time is built into the schedule for technology use. Students show up early and stay late, because they have access to teachers in the learning center.





# Classroom, Courtyard

## *Learning Environment:*

Throughout the learning center and in classrooms, flexible furnishings create a modular environment that blurs the lines between traditional lab and lecture formats.

Larger classrooms provide flexibility for a larger numbers of students and different arrangements of the furniture.

The fully enclosed courtyards create secure outdoor space for dining, instruction and socialization.

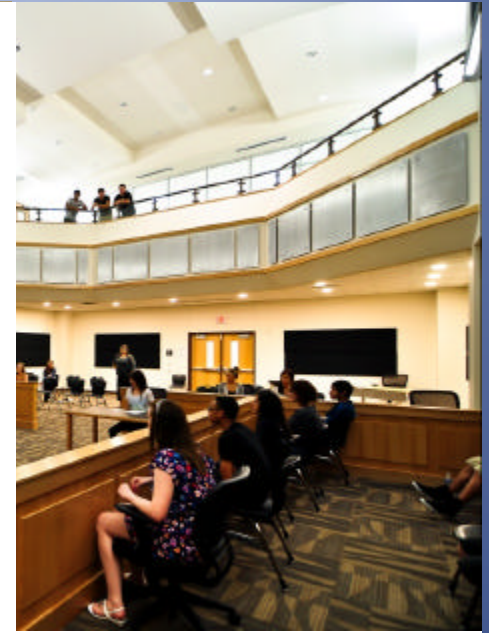


## TV Studio, Culinary Arts

### *Physical Environment:*

The building is flexible for different educational delivery models and can grow with student enrollment and career path programs. The open plan also creates curiosity; as students see programs going on, they become interested in new activities. The materials and furniture selections create a professional environment.

The building supports the school's mission to prepare students for the future and increases creativity and independence.





## Dining, Arena

### *Physical Environment:*

The school's dining hall acts as a student union and is a pivotal point for activity. These spaces, along with informal meeting areas inside the school, all enabled with wireless connectivity, encourage small group and breakout instruction.

The building includes a bank, retail store, café, dining hall, TV studio and two 250-seat seminar rooms. Also included are a 850-seat performing arts theater and a 1,700-seat arena which holds sporting events, graduation ceremonies and other community activities.





# Design Charrette

## *Planning Process:*

Three committees of 30 administrators and community members researched and prioritized career path programs.

The district wanted to build a new school that didn't duplicate programs from their existing High School, as well as offer amenities that would enhance the community.



# Design Charrette

## *Planning Process:*

A design charrette was used to involve administrators, teachers, parents, community members and students, to create a solution that supported the new educational philosophy and aesthetic.

The district's design committee sold the solution to the community to support the bond plan.





# Exhibition of School Planning and Architecture

## Project Data

Submitting Firm :	
Project Role	Architect
Project Contact	Kelley Merriman
Title	Communications Manager
Address	5717 Legacy Drive, Suite 250
City, State or Province, Country	Plano, TX 75024
Phone	(214) 473-2454

Joint Partner Firm:	N/A
Project Role	
Project Contact	
Title	
Address	
City, State or Province, Country	
Phone	

Other Firm:	N/A
Project Role	
Project Contact	
Title	
Address	
City, State or Province, Country	
Phone	

Construction Firm:	Balfour Beatty (formerly Charter Builders)
Project Role	General Contractor / Construction Manager
Project Contact	Kristi Hester
Title	Communications Manager
Address	1505 LBJ Freeway, Suite 700
City, State or Province, Country	Dallas, Texas, USA
Phone	(972) 484-4888

# Exhibition of School Planning and Architecture

## Project Details

Project Name	Centennial High School
City	Burleson
State	Texas
District Name	Burleson ISD
Supt/President	Richard Crummel
Occupancy Date	8/10/2010
Grades Housed	9-12
Capacity(Students)	2200
Site Size (acres)	120
Gross Area (sq. ft.)	560,783
Per Occupant(pupil)	255
gross/net please indicate	gross
Design and Build?	
If yes, Total Cost:	
Includes:	
If no,	
Site Development:	\$339,200.00
Building Construction:	\$106,274,118.00
Fixed Equipment:	
Other:	
Total:	\$115,210,217.00



# Supporting/Supplemental files/Images



## Classroom/Lab

*Daylighting, technology, and mobile furnishings create adaptable learning environments.*

# Supporting/Supplemental files/Images



## Indoor Practice Facility

*Athletic facilities throughout support a variety of athletic and community functions.*



# Supporting/Supplemental files/Images



## Academic Hallway

*Visual and physical connections between interior and exterior provide views and ample natural light.*

# Supporting/Supplemental files/Images



Performing Arts Theater

*850-seat theater supports student performance, instruction, and community events.*



# Supporting/Supplemental files/Images



## Academy Commons

*Academic spaces visually connect through open commons and transparency.*